

KeHong Enterprises Co.,Ltd.

No7118,Floor 7, Sha feng business building, Jin sha zhou, Baiyun District, Guangzhou, China.

Website: www.khenterprise.en.alibaba.com

Mail: lily@gzhelectric.com

Tel: +86-20-82586869, Mobile: +8615918777767

Dual Wall Adhesive-Lined Heat-Shrink Polyolefin Tubing

G-3X

Application

Adhesive lined heat shrink tubing with environmental sealing capability for a wide variety of electrical applications, including automotive and marine wire harness, wire splices, breakouts, and connector-to-cable transitions.

Features

1. 3:1 shrink ratio
2. Longitudinal shrink ratio: $\leq +8\%$
3. Out jacket flame retardant, inner adhesive self-extinguished
4. Super sealing against water, moisture or other contaminants
5. Continuous operating temperature: $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$
6. Shrink temperature: 120°C

Dimensions

Size		As supplied	After recovery (mm)			Standard Package
Inch	mm	Internal Diameter (mm)	Internal Diameter	Total Wall Thickness	Wall Thickness of Adhesive	m/spool
1/8.	3.2	3.2	1	0.90±0.15	0.35±0.10	200
3/16	4.8	4.8	1.6	1.00±0.15	0.40±0.10	100
1/4	6.4	6.4	2.2	1.25±0.15	0.45±0.12	100
5/16	7.9	7.9	2.7	1.30±0.15	0.50±0.12	100
3/8	9.5	9.5	3.2	1.40±0.15	0.50±0.12	50
1/2	12.7	12.7	4.2	1.70±0.15	0.50±0.12	36.6
5/8	15	15	5.2	1.80±0.15	0.55±0.15	30.5
3/4	19.1	19.1	6.3	1.95±0.15	0.55±0.15	30.5
1	25.4	25.4	8.5	2.05±0.20	0.55±0.15	30.5
1- 1/4	30	30	10.2	2.20±0.20	0.60±0.15	24.4
1- 1/2	39	39	13.5	2.50±0.20	0.60±0.15	18.3
2	50	50	17	2.80±0.25	0.70±0.15	12.2
5/2	64	64	21	3.00±0.25	0.70±0.15	6.1
3	75	75	25	3.00±0.30	1.00±0.20	1.22
7/2	90	90	30	3.00±0.30	1.00±0.20	1.22
4	100	100	34	3.00±0.30	1.00±0.20	1.22
5	125	125	42	3.00±0.30	1.00±0.20	1.22

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Technical Data:

Test Item	Test Method	Test Result
Tensile Strength(Mpa)	ASTM D2671	≥10.4
Elongation%	ASTM D2671	≥300
Tensile Strength afterAging (Mpa)	UL 224 158×168hr	≥7.3
Elongation after Aging%	UL 224 158℃×168hr	≥200
Dielectric Strength	IEC 243	≥ 15
Volume Resistance(Ω.cm)	ASTM D876	≥ 10 ¹⁴ Ω.cm

Hot Melting Adhesive Property

Test Item	Test Method	Test Result
Water absorption ratio:	ASTM-D570	<0.2%
Softing point	ASTM-E8	95℃
Strength of pearing(PE)	ASTM-D1000	120N/25m
Strength of pearing(AL)	ASTM-D1000	80N/25m